

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A current driving apparatus for an active matrix organic light emitting diode (~~AMOLED~~), which utilizes two abutting sub-pixels, ~~(an the two abutting sub-pixels being an odd sub-pixel and an even sub-pixel).~~ The, said abutting sub-pixels sharing a data line, a scan line and a common line, the driving apparatus of each sub-pixel ~~includes~~ comprising:

~~odd a~~ a line enable, the line enable being an odd line enable for the odd sub-pixels[[;]] and
an even line enable for the even sub-pixels;

~~a data line shared by the odd sub-pixels and the even sub-pixels;~~

~~a scan line;~~

a supply line;

~~a common line;~~

a writing element ~~with the~~ having a source that connects to the data line;

a switching element ~~with the~~ having a gate that connects to the gate of the writing element; and ~~the source~~ a source that connects to the data line;

a driving element ~~with the~~ having a gate that connects to the drain of the writing element;
and ~~the~~ a source connects to the supply line;

a control element ~~with the~~ having a gate that connects to the scan line; and ~~the source~~ a
source that connects to the ~~odd~~ line enable (~~even line enable~~); and ~~the drain~~ a drain that connects
to the gate of the switching element;

a storage element ~~with~~ having two ends, one end ~~connects~~ connected to the source of the driving element; and the other end ~~connects~~ connected to the connection of the gate of the driving element and the drain of the writing element; and

a light emission element ~~with~~ having two ends, one end ~~is~~ being the positive electrode that connects to the drain of the driving element; ~~and~~ and the other end ~~is~~ being the negative electrode that connects to the common line.

2. (Currently Amended) ~~As the~~ The current driving apparatus for an active matrix organic light emitting diode of claim 1, wherein the writing element is a thin film transistor.

3. (Currently Amended) ~~As the~~ The current driving apparatus for an active matrix organic light emitting diode of claim 1, wherein the switching element is a thin film transistor.

4. (Currently Amended) ~~As the~~ The current driving apparatus for an active matrix organic light emitting diode of claim 1, wherein the driving element is a thin film transistor.

5. (Currently Amended) ~~As the~~ The current driving apparatus for an active matrix organic light emitting diode of claim 1, wherein the control element is a thin film transistor.

6. (Currently Amended) ~~As the~~ The current driving apparatus for an active matrix organic light emitting diode of claim 1, wherein the storage element is a storage capacitor.

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Reply to Office Action of May 16, 2006

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7. (Cancelled)